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Boswell, 1991)A simple **Bayesian** classifier was **implemented** for these experiments. Three main issues arise functions $f_i(E)$ is the optimal classification **procedure**. By Bayes' theorem, $P(C_i|E)P(C_i)P$ probabilities from the training set, is often **called** the naive **Bayesian** classifier. This is because, www.ics.uci.edu/~pedrod/mlj97.ps.gz

Talking Vs Taking: Speech Access To Remote Computers - Yankelovich (1994) (Correct) (2 citations)
and Andy Kehler for their work on the design and **implementation** of the software. REFERENCES 1. Clark, Talking Vs Taking: Speech Access To **Remote** Computers Nicole Yankelovich Sun Microsystems
your colleague can schedule a follow-up meeting. **Call** and check your on-line calendar as well as your www.sunlabs.com/research/speech/publications/chi94/CHI94Short.ps

Using PVM 3.0 to Run Grand Challenge Applications on.. - Dongarra, Geist.. (1992) (Correct)
shared-memory systems the data movement can be **implemented** by memory copies or by passing of pointers and
allows researchers to collaborate and compute **remotely** in an efficient manner. The latest trend in PVM 3.0 is designed so that native multiprocessor **calls** can be compiled into the source. This allows the ftp.netlib.org/ncwn/siam93-pvmgc.ps

The Alloc Stream Facility: A Redesign of Application-Level .. - Krieger, Stumm, Unrau (1994) (Correct) (9 citations)
but instead use higher-level facilities **implemented** either by the programming language (e.g. and a system **call** is translated into a message or **remote procedure call** from the invoking program to a **call** is translated into a message or **remote procedure call** from the invoking program to a server. As ftp.cs.toronto.edu/pub/parallel/Krieger_etal_IEEEComp94.ps.Z

A Hypertext System for Integrating Heterogeneous, Autonomous.. - Noll, Scacchi (1994) (Correct) (2 citations)
or other directories. b Tool-level versioning **implements** versioning through tools built on top of the location transparency, the ability to access **remote** objects in the same manner as local objects and software repositories, and presents a solution **called** the Distributed Hypertext System (DHT)Based on cwis.usc.edu/dept/ATRIUM/Papers/Integrating_Software_Repositories.ps

Intelligent Computing About Complex Dynamical Systems - Zhao (1994) (Correct)
tasks. We demonstrate the mechanisms with an **implemented** computational environment **called** the Control The steps 1, 2, and 3 of the above design **procedure** are often iterated before a reasonable control with an **implemented** computational environment **called** the Control Engineer 's Workbench. Keywords. www.cis.ohio-state.edu/insight/papers/mcs.ps

Cspack Client-Server Routines And Utilities - Cern (Correct)
and management guide. The CSPACK system is **implemented** on various mainframes and personal :4 1.2.2 XZ -The **remote** I/O package : wwwinfo.cern.ch/asdoc/.psdir/cspack.ps.gz

Statistical Learning, Localization, and Identification of.. - Hornegger, Niemann (1995) (Correct) (1 citation)
They suggest the use of Hidden Markov Models and **implement** a system which has the capability of learning concrete realization of learning and recognition **procedures**, the statistical distributions $p(o_k|j_k)$ accurate classification results. Naturally, **Bayesian** classifiers consider uncertainties and fulfill www5.informatik.uni-erlangen.de/TeX/Literatur/ps-dir/1995/Hornegger95:SLL.ps.gz

Optimized Software Synthesis for Digital Signal.. - Jürgen Teich.. (1998) (Correct) (1 citation)

and data memory requirements of single-processor **implementations** of dataflow programs. Based on the formal acyclic graph, and then recursively applying this **procedure** to each clustered strongly connected component of synchronous data flow (SDF) graphs [LM87] so **called** single appearance schedules are known to be
ftp.tik.ee.ethz.ch/pub/people/zitzler/TZB1998a.ps.gz

Mechanisms and Interfaces for Software-Extended Coherent Shared.. - Chaiken (1994) (Correct) (3 citations)
use a combination of hardware and software to **implement** shared memory on large-scale multiprocessors..
ftp.cag.lcs.mit.edu/pub/papers/chaiken-dissert-1-10.ps.Z

Development, Learning and Evolution in Animats - Kodjabachian, Meyer (1994) (Correct) (2 citations)
(bottom)After [VAAR94]In the current **implementation** of Vaario's model, the genotype of an combines a genetic algorithm and a learning **procedure** with a Lindenmayer grammar [LIND68] that models in a chromosome. However, this encoding scheme **-called** cellular encoding **-rewrites** neurons instead of
www.biologie.ens.fr/fr/animatlab/perso/kodjaba/jkjamperac.ps.gz

Integrating Temporal, Real-Time, and Active Databases - Ramamritham.. (1996) (Correct) (3 citations)
active and temporal requirements. This obviously **calls** for time cognizant priority assignment,
www-ccs.cs.umass.edu/~sim/sigrec96.ps

Noise Removal Via Bayesian Wavelet Coring - Simoncelli, al. (1996) (Correct) (39 citations)
Image. 3. Choice Of Wavelet Transform We Have **Implemented** A Noise Reduction Scheme Based On An Oriented
To gauge the quality of our model pdf and fitting **procedure**, we also computed the idealized estimator, Switzerland. September 1996. Noise Removal Via **Bayesian** Wavelet Coring Eero P. Simoncelli Computer And
www.isds.duke.edu/~brani/wp/Eero.ps

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maintenance. In this paper we present a decision **procedure** for containment of conjunctive queries defined in an Esprit project on Data Warehousing (**called** Data Warehouse Quality -DWQ)2 The Logic DLR
www.dis.uniroma1.it/pub/calvanese/calv-degi-lenz-DL-97.ps.gz

A TMS320C40 based Speech Recognition System for Embedded.. - Obermaier, Rinner (1998) (Correct)
. ABSTRACT: This paper describes a prototype **implementation** of a speech recognition system for speech (words) are recognized using the following **procedure**. The analog speech signal is captured by a
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Learning Planning Operators by Observation and Practice - Wang (1994) (Correct) (12 citations)
and plan repair. Our learning method is **implemented** on top of the PRODIGY architecture(Carbonell, unmet preconditions. Therefore, the plan repair **procedure** is **called**. The unmet preconditions of this the state before the operator is executed, **called** pre-state, and the state after the operator is
www.rpal.rockwell.com/~mei/aips94.ps

Formalising Abilities and Opportunities of Agents - van Linder, van der Hoek, Meyer (1998) (Correct) (2 citations)
and retrieval. In all probability, these **implemented** agents will be rather complex. In addition,
A.14. For if Φ is-consistent, then by the **procedure** given in the proof of Proposition A.14 one we propose to formalise agents belong to what we **call** the KARO-framework. In this framework, the name of
ftp.cs.uu.nl/pub/RUU/CS/techreps/CS-1998/1998-08.ps.gz

An Object Calculus with Algebraic Rewriting - Compagnoni, Fernández (Correct)
its self parameter (i.e. x does not appear in b) is **called** a field. The last two object constructors in the
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Online Aggregation - Hellerstein, Haas, Wang (1997) (Correct) (73 citations)
intervals. Finally, we report on an initial **implementation** of online aggregation in postgres. 1 return the tuple that was found. We repeat this **procedure** for subsequent requests until we have a value The interval 2:6336 \Sigma 0:0652539 is **called** a running confidence interval .As soon as the
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Fourth And Fifth Order Efficiency: Fisher Information - Kano (Correct)
order efficient estimators. This result is often **called** the Fisher-Rao theorem. Amari (1982) and Eguchi

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The Peregrine High-Performance RPC System

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David B. Johnson, Willy Zwaenepoel

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...called header prediction. The first, involving prefilling parts of the transport header, is a known optimization for lowering latency [11, 8], and is not discussed further here. The second technique involves exploiting traffic locality to predict the next incoming packet and to...

...to user to user input alignment, reverse copyout, and page swapping, which may reduce or eliminate copying altogether. Local Peregrine RPC [10] comes close to the I/O oriented IPC solution, passing data out of client buffers by copy onwrite and into and out of servers by mapping...

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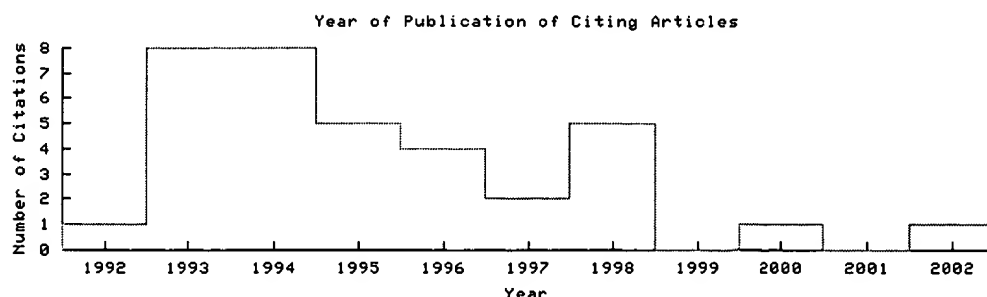
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.... implementation of the protocol stack that allows better control over protocol processing to guarantee the QoS of the networked data [THEK 93, EDWA 94] 2 Concept ATM (Asynchronous Transmission Mode) and its Adaptation Layer (AAL) offer a technology for the physical layer and...

.... increased flexibility, easier maintenance, and the possibility of application specific optimizations offering better performance [12], [13] [14] A further advantage is that it provides a natural solution to the problems of resource accountability and minimization of QoS...

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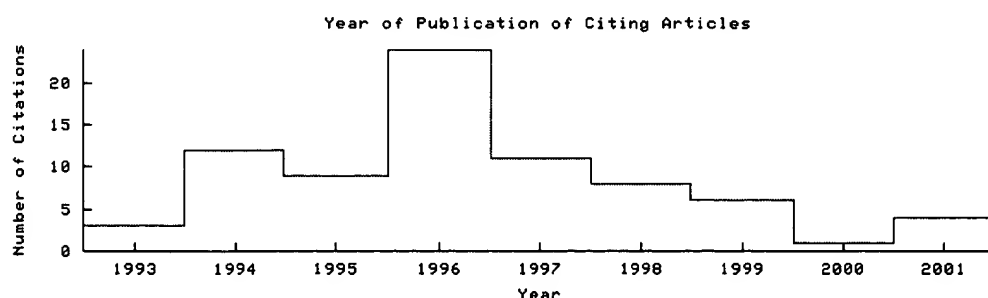
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Title: US5218699: Remote procedure calls in heterogeneous systems

Country: US United States of America

Inventor: Brandle, Richard T.; Marietta, GA
 Goodliffe, Don L.; Dunwoody, GA
 Keith, Donald E.; Peachtree City, GA
 Robinette, Randy A.; Acworth, GA
 Sizemore, Robert C.; Acworth, GA
 Smithwick, Garry J.; Alpharetta, GA
 Zappavigna, Anthony J.; Marietta, GA

Assignee: International Business Machines Corporation, Armonk, NY
 other patents from INTERNATIONAL BUSINESS MACHINES CORPORATION (approx. 37,167)
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Published / Filed: June 8, 1993 / June 8, 1992

Application Number: US1992000895221

IPC Code: G06F 13/14;

U.S. Class: Current: 709/328; 709/317; 709/331;
 Original: 395/650; 395/200; 364/280.6; 364/284.3; 364/284.4;
 364/DIG.1;

Field of Search: 364/DIG. 1, DIG.2 395/200, 365, 600, 650, 700, 725, 500

Priority Number: Aug. 24, 1989 US1989000398126

Abstract: A system for making procedure calls can be used with a network of computers. An application program on a local node calls a desired library procedure. The library procedure can be available on the local node or a remote node, and the location need not be known by the application. If the library procedure is available on a remote node, a remote router procedure communicates a procedure identifier to the remote node. The procedure is executed, and any results are returned to the local node to be



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executed, and any results are returned to the local node, to be returned to the application program.

Dillon, Andrew J. ; O'Malley, Paul W. ; Hill, Kenneth C. ;

Clark, David L.; Loomis, John

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|--------------------|------------|--------|-----------|-------|
| US1989000398126 | 1989-08-24 | | | |

This application is a continuation of application Ser. No. 07/398,126, filed Aug. 24, 1989 now abandoned.

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We claim:

1. A method for calling a service procedure residing at either a local node or a remote node of a computer network from an application program executing on the local node, the method comprising the steps of

- generating an initialization call from the application program identifying the application program;
- responsive to the initialization call, selecting service directories having locations of library procedures, mappings from names of library procedures to sets of required parameters and indicating the language of each library procedure;
- generating a procedure call from the application program upon execution of a native language construct, the procedure call including a parameter set;
- responsive to the procedure call, determining the local or remote node where the service procedure resides from a service directory, a service procedure identifier and a language in which the application program is written;
- determining if the language of the application program and the language of the service procedure use different calling conventions;
- responsive to the respective languages of the application program and the service procedure utilizing different calling conventions, reformatting the parameter set for the service procedure;
- upon determination that the service procedure is located at the local node, calling the service procedure and passing the parameter set thereto;
- upon determination that the service procedure is

located on the remote node, calling a routing procedure on the local node from the service directory with the service procedure identifier and the parameter set;

- calling a routing procedure on the remote node from the local node routing procedure with the service procedure identifier and the parameter set;
- at the remote node, calling the service procedure on the remote node corresponding to the procedure identifier; and
- executing the service procedure at the remote or local node, as appropriate, utilizing the parameter set.

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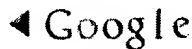
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